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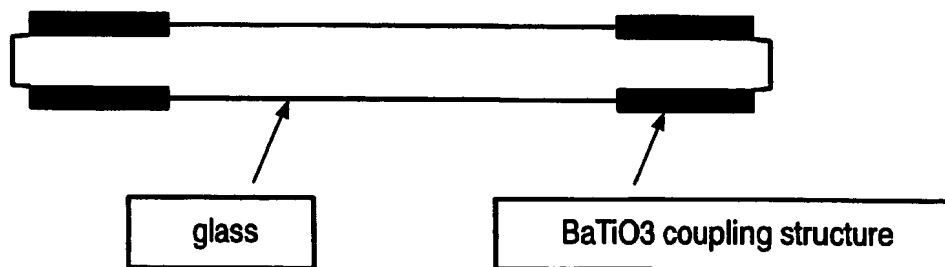
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(54) Title: LOW-PRESSURE GAS DISCHARGE LAMP WITH ELECTRON EMITTER SUBSTANCES SIMILAR TO BaTiO_3



(57) Abstract: A low-pressure gas discharge lamp is described, which is equipped with a gas-discharge vessel containing an inert gas filling as the buffer gas and an indium, thallium and/or copper halide, and with electrodes and with means for generating and maintaining a low-pressure gas discharge, which has as the electron emitter substance a compound selected from the group of ABO_3 or $\text{A}_n\text{BO}_{2+n}$, $\text{A}_n\text{C}_2\text{O}_{5+n}$, or $\text{A}_n\text{D}_2\text{O}_{3+n}$, wherein: A = an alkaline earth element or a mixture of several different alkaline earth elements, B = cerium, titanium, zirconium, hafnium, or a mixture of these elements, C = vanadium, niobium, tantalum, or a mixture of these elements, D = scandium, yttrium, lanthanum, a rare earth element, or a mixture of these elements.

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